



**August A. Busch** Memorial Conservation Area  
**Powder Valley** Conservation Nature Center  
**Rockwoods** Reservation



# *Making Tracks*

October 2002 Volume 02, Number 10

## **Backyard Wildlife**

*By Daryl Damron, Wildlife Damage Biologist*

**I**t has been my observation that front yards are an expression of the neighborhood and community, but backyards are an expression of the individual landowner. Front yards are open to the public and are often more conservatively managed and landscaped than backyards. After all, the front yard is where business is conducted - by the mailman, sanitation engineer, Girl Scouts selling cookies or door-to-door salesmen. The backyard, however, truly expresses the family that lives inside. The backyard is where our children play, where we entertain guests, cook meals, swim or sit to observe nature and enjoy the sights and sounds of the world around us. Backyards are more intimate and may contain ornamental plantings, fruit-bearing trees and shrubs, vegetable gardens, children's toys and our favorite family pets.

The desire to have backyard wildlife is as individual as the landowner. For some landowners, the more birds, squirrels, raccoons, chipmunks, deer, geese and other species they can attract, the better. Many residents go to great lengths to attract wildlife by hanging bird feeders, erecting bird houses, installing bat and squirrel dwellings and installing backyard ponds for wildlife. Local offices of the Missouri Department of Conservation offer a host of publications on building wildlife feeders and houses. Residents can also get information about attracting wildlife from local hardware stores, plant nurseries and specialty shops.

As a Wildlife Damage Biologist for MDC, I often deal with people who desire fewer wildlife species in their backyard. In many cases, homeowners feel like wildlife are invading their backyard sanctuaries. While there are many products on the market that claim to repel this or that species, I find the most effective measures are making habitat less attractive and placing barriers to exclude wildlife. Many people think that land development causes overcrowding of wildlife because of habitat loss. While this may be true in the short term, the fact is that a subdivision or corporate campus may be very appealing to wildlife for reasons such as these three: increased edge habitat, embankments where burrows can be easily dug and attractive ponds.

If your desire is to have more wildlife, the key ingredients for success are providing food, shelter and water. I would caution that when you feed wildlife in your backyard you may attract critters you do not want. Feed for songbirds can attract squirrels or woodpeckers that can damage your home. Feeding stations can also attract predators that may harm your domestic pets. Prey species congregated around food sources become targets for predators such as crows, hawks, foxes, coyotes and, yes, even domestic cats and dogs. Spread of disease is also an issue to consider when discussing backyard wildlife. The spread of wildlife diseases is more prevalent around large concentrations of animals, so feeders and watering stations should be sterilized periodically.

If you are experiencing problems with backyard wildlife it is best to take a common-sense approach to analyze what should be done. For example, if you feed birds year round and suddenly a red fox shows up and starts eating songbirds and squirrels, remove the feeders for a while. Birds will do just fine in the short time it takes for the fox to move on to greener pastures. In reality we are probably doing a disservice to wildlife by feeding them year round. There is plenty of natural food available during the spring, summer and early fall months to sustain healthy wildlife populations. Make your home and all buildings wildlife-proof by maintaining exterior surfaces. An animal that can get into a hole in the side of a building, under a porch or into an attic may claim that cavity as a home. Residents experiencing nuisance wildlife problems can contact local MDC offices or they can contact local wildlife removal companies for assistance.

A certain number of critters are always going to be attracted to your backyard. You can greatly increase your chance of seeing wildlife by providing those things animals need. However, if you desire to see fewer critters, it's up to you to make the area less attractive by removing those same needs. Whichever you choose, enjoy your backyard and the recreational opportunities that can be found right behind your house.



News from  
**Powder Valley Conservation**  
**Nature Center**

## Hoot, Hiss and Howl Hoedown!

**Saturday, October 19**

**6:30 - 9 p.m.**

**(No reservations necessary.)**



We probably won't square dance, but there's still lots of fun to be had! Join us for a good time as we separate fact from fiction about those animals that seem a little spooky. We'll have games, crafts, storytelling and a costume contest. The contest, at 8 p.m., is open to anyone ages 18 or younger. The rules? Dress like a real animal that is native to Missouri and that some people are afraid of. (Sorry - no Sasquatches allowed.) Prizes will be awarded for ages 0 to 2, 3 to 6, 7 to 12 and 13 to 18.

Hope to see you there!



## Fond Farewell



**Gilbert Roseman**  
**Sept. 28, 1941- Aug. 5, 2002**

Powder Valley recently lost a good friend. Gil Roseman came into our lives through the Volunteer Naturalist program in 1997. Since then, he donated more than 1900 hours of service to the Nature Center and to the St. Louis Region, every one with a smile on his face. Gil loved the outdoors and it showed in everything he did. He had a curiosity and admiration for nature and enjoyed both learning about it and sharing it with others. He spent many hours at the front desk welcoming our visitors and assisting them with their questions. Gil's passing was a shock to all of us and his presence will be truly missed. Our condolences to his wife, Sue, and their family.

**11715 Cragwold Road**  
**Kirkwood, MO 63122**  
**(314) 301 - 1500**

### LOCATION:

From I-44 east in Kirkwood, take Watson Road, exit and turn north on Geyer Road. Follow Geyer Road 200 yards to Cragwold Road. Go 1 mile west on Cragwold Road.

### AREA HOURS:

Daylight Saving Time:

8 a.m. to 8 p.m.

Central Standard Time:

8 a.m. to 6 p.m.

### NATURE CENTER HOURS:

Open all year, 7 days a week,  
 from 8 a.m. to 5 p.m.

### GIFT SHOP HOURS:

Open all year, 7 days a week,  
 from 8 a.m. to 4:30 p.m.

### ABOUT THE AREA:

112 acres of forestland and winding creeks, three hiking trails (one wheelchair accessible). Open to visitors free of charge.



## Resident Artisan

### St. Louis Weavers' Guild

**Saturday, October 19, & Sunday, October 20**

**10 a.m. - 1 p.m. (both days) Demonstrations in Lobby**

Saturday, October 19 - Spin-in held by Spinners Group

Sunday, October 20 - Weaving demonstration by Weavers Group

**10 - 11:30 a.m. (both days) Workshops**

Saturday, October 19 - Weaving Baskets from Brown Paper Bags

Sunday, October 20 - Weaving Hallelujah Dolls

(Reservations for workshops begin October 4.)

We are pleased to once again welcome the St. Louis Weavers' Guild. The Guild has been in existence for 75 years and encompasses all types of fiber arts from textile and basket weaving to spinning and knitting. They are the second oldest weaving guild in the country, second to Boston. On Saturday the Spinners Group will hold a spin-in and will be talking and spinning. On Sunday the Weavers Group will be set up in the Lobby, demonstrating their weaving skills. **Come watch, talk and ask questions.**



## Halloween Happenings

**Thursday,**  
**October 31**

Even if you don't have a trick, we have a treat. Visit Powder Valley on Halloween between 8 a.m. and 5 p.m. We'll have some candy at the front desk for you.



News from

# Rockwoods Reservation

## Natural Dyes, To Dye For?

By Keri Lanning, Naturalist

Fall is such an inspiring time of year! Nature is exploding with colors and crisp smells, inviting you to enjoy the outdoors before the winter chill sets in and keeps you cooped up inside. If you're like me, you dread nothing more than the time you can't go outside.

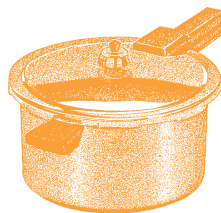
Start a project that will not only keep you busy during the fall, but also through the winter - and will give you something beautiful to show from it. I'm talking about natural dyes. It is fun to make the dye, then use it to color yarn or fabric that you can knit or sew into something beautiful!

Gathering dye material is easy. There are a huge variety of plants that produce interesting dye colors. For a listing of plants and their colors, read *Natural Dyes Plants & Processes* by Jack Kramer. Keep in mind there are different processes to follow, depending on the type of plant material you use. Bark, roots and nuts, for example, require overnight soaking before being boiled. Bark of fresh twigs must be shaved off the twig to produce the best and strongest color. Boil these items for one to two hours and strain them using cheesecloth.



On the other hand, grass, leaves, berries or flower heads require immediate boiling for one hour. Select fresh plant materials for the best colors. Keep in mind that berries don't take kindly to long boiling times. The last batch I boiled turned gray and mushy when boiled for 20 minutes. Like that of the bark and roots, this dye also should be strained using a cheesecloth.

Once you have your dye, you need to decide what to dye. Wool is much easier to dye than cotton. It takes color quicker, keeps color longer and requires less work than cotton. I recommend starting with unbleached wool. This material can be difficult to find, so call stores in advance. Wool and cotton need to be "fixed" before they will take color. This process is called mordant. To mordant wool you must boil 1 ounce of cream of tartar and 3 to 4 ounces of alum, (both can be found in the spice section of the grocery store), in 3 to 4 gallons of water. Add 1 pound dry weight wool and boil for one to two hours. Preparing cloth or yarn is not an exact science. I tend to guess and try to keep the right ratio and it still fixes the wool. Once this process is complete, you are ready to dye.



There is not much to the dyeing process. Simply add the wool to the heated dye bath and remove it when the color you desire has been achieved. I discovered that re-heated dye baths change color slightly, usually to a darker, slightly rusty color. It's been my experience that when you add the wool directly to the dye bath, as it is being created, you can create bright and vivid colors, especially when creating a dye bath using flower heads. I've also found that no two dye baths make the same color. If you want the yarn or fabric to be the same color, it should be dyed at the same time in the same dye bath.

The rest of the project is what you make of it! Have fun this fall and try creating new and interesting dyes. For ideas and to see what colors we have created over the years, stop by Rockwoods to check out our monthly display on natural dyes. Remember, it's all about the imagination, so have fun!



**2751 Glencoe Road  
Wildwood, MO 63038  
(636) 458 - 2236**

### LOCATION:

From I-44, take Hwy 109 (Eureka exit) north 4 miles to Woods Avenue; left on Woods Avenue, and then immediately right on Glencoe Road; follow signs.

From Hwy 40 (I-64), take Clarkson Road south to Manchester Road; right (west) on Manchester to Hwy 109; left (south) on Hwy 109, 2 miles to Woods Avenue; right on Woods Avenue, and then immediately right on Glencoe Road; follow signs. From Manchester Road, take Hwy 109 south 2 miles to Woods Avenue; right on Woods Avenue, and immediately right on Glencoe Road; follow signs.

### AREA HOURS:

Sunrise until 1/2 hour after sunset.

### VISITOR CENTER HOURS:

Open seven days a week, from 8 a.m. to 5 p.m., during March, April, May, June, September, October and November. The Visitor Center will be closed on weekends during July, August, December, January and February.

### ABOUT THE AREA:

All facilities are free to the public, including:

- \*Education Center with exhibits and interpretive programs.
- \*1,898 acres of rugged, mostly hardwood, forested land interspersed with springs and streams.
- \*Three picnic areas (all with charcoal grills), two with drinking water, tables, and one with toilets.
- \*Seven trails (one is self-guided and wheelchair accessible) totaling more than 10 miles.



# How to register for an OCTOBER program

Reservations are required unless otherwise specified. Reservations will be taken Monday through Friday from 8 a.m. to 5 p.m. Programs are intended for individuals and families only. If you are unable to attend a program, please call and cancel your reservation as a courtesy to those on our waiting list. Please limit requests to two programs per month, with only one to include an Ages 3-6 program. **Please be prompt. Arrival after 10 minutes may exclude you from the program.** Interpreting services are available for people with hearing loss, with five days advance notice.

## ROCKWOODS

For reservations, call (636) 458 - 2236

### 10 Afterschool Special To Dye For

Thursday 4 p.m. - 5:30 p.m.  
(Ages 7 & Up) What better way to learn some common plants of Missouri than by using them to create natural dyes? We will go on a short hike to gather material and then create dye baths. Dress for a mess and bring your imagination. (Reservations begin September 26.)

### 17 Toddling Into Nature Color/Texture Bingo Hike

Thursday 10:15 a.m. - 11:15 a.m. & 1:15 p.m. - 2:30 p.m.  
(Ages 3 to 6) Fall is a great time of year to go exploring! We will take a hike and look for colors and textures while playing bingo! This trail is stroller accessible. Dress for the weather. (Reservations begin October 3.)

### 19 Fall for Nature Photography

Saturday 8:30 a.m. - 10:30 a.m.  
(Ages 12 & Up) Bring your camera to capture the colors of the season. You'll learn photography "do's and don't's" in the classroom, then hike a trail to put that knowledge to use. (Reservations begin October 4.)



### 19 Scout Discovery Table Bird ID/Bird Flyways

Saturday 10 a.m. - 2 p.m.  
(Scouts) Learn to identify birds and discover the flyways birds use while migrating. For Brownies: Animal 4, Earth & Sky 5; Juniors: Wildlife 3, 8; Wolves: Birds (Elective 13d); and Webelos: Naturalist 3, 4, 5. (No reservations necessary.)

### 20 Nature Study Hike

Sunday 1 p.m. - 4 p.m.  
(Ages 8 & Up) Join us for an interpretive hike on Lime Kiln Trail. This fairly rugged 3 1/4-mile loop trail is not appropriate for very young children. We'll hike at a leisurely pace and learn about trees, fall flowers, animals and insects. (Reservations begin October 7.)

### 27 Creepy Crawly Adventure Room

Sunday Noon - 3 p.m.  
(Families) Halloween is right around the corner! What could be creepier than learning about INSECTS! See and feel insect larva in our adventure room and live, mature insects in the adult chamber. Skin crawling yet? This is an open house - no reservations necessary. See you there, if you dare!



### 31 Papier-Maché Nature Masks

Thursday 10 a.m. - 11:30 a.m.  
(Ages 5 and up) Halloween is here, so let's make masks out of papier-maché! Bring your favorite-colored tissue paper and an idea for a mask. Dress for the weather. (Reservations begin October 3.)

## JAY HENGES

### SHOOTING RANGE & TRAINING CENTER

For reservations, call (636) 441-4554

### 5 Muzzleloading Rifle Seminar

Saturday 9 a.m. - 1 p.m.  
Join us to learn the basics of hunting with a muzzleloading rifle, practical how-to information, calibers, styles, loads and field tricks. This course is limited to 50 participants.

## SOULARD

### OUTDOOR TEACHER RESOURCE CENTER

For reservations, call (314) 231-3803

### 24 Wild Edibles

Thursday 10:30 a.m. - 11:30 a.m. & 12:30 p.m. - 2 p.m.  
(Homeschool or Families) Come learn about all the cool things you can find in your own backyard that are edible! We will look for and learn about edible and poisonous plants and taste different recipes that you can prepare. (Reservations begin October 15.)

## BUSCH AREA

For reservations, call (636) 441 - 4554

### 5 Persimmons Nature's Fall Treat

Saturday 2 p.m. - 3:30 p.m.  
(Adults) Discover persimmon facts and folklore, taste delicious baked goods and take a short walk to find some of your own. Bring your favorite recipes to share. (Reservations begin September 20.)

### 12 Scout Discovery Table Poisonous Things

Saturday 10 a.m. - 2 p.m.  
(Juniors, Wolves & Webelos) Do you know the difference between "poisonous" and "venomous?" Can you identify poison ivy? What spider has a fiddle on its back? Wolves: Outdoor Adventure (Elective 18g); Webelos: Outdoor Group: Naturalist #6; Juniors: Wildlife #5, Plants and Animals #9 (No reservations necessary.)

### 15 Preserving the Hunt

Tuesday 7 p.m. - 8 p.m.  
(Ages 11 & up) Not all of us get those 10 point bucks with a 30-inch spread, but we want to enjoy them just the same. Learn easy and inexpensive methods for mounting deer antlers and tails. (Reservations begin October 1.)

### 16 Fall Leaves

Wednesday 10 a.m. - 11 a.m.  
(Ages 3-6) Do you know why the leaves change color in the fall? Take a short stroll through the woods with us and discover why. (Reservations begin October 2.)

### 19 Fall Colors on the Clark Trail

Saturday 9 a.m. - 1 p.m.  
(Adults) Enjoy a spectacular hike on the 5.3-mile Clark Trail to see the fall tapestry on the hillsides above the Missouri River. Join us for some breathtaking views! (Reservations begin October 4.)

### 19 Discovery Table Bird Feeders

Saturday 10 a.m. - 2 p.m.  
(All Ages) Learn about the variety of feeders and seeds available for your feathered friends. Plus, you'll learn to build and care for your feeders. (No reservations necessary.)

### 20 Discovery Table Seeds

Sunday 11 a.m. - 3 p.m.  
(All Ages) The variety of shapes and sizes of seeds is amazing! Come see for yourself and discover how seeds travel. (No reservations necessary.)

### 22 Going Batty!

Tuesday 9:30 a.m. - 10:30 a.m. & 11 a.m. - Noon  
(Ages 3-6) Bats have gotten a bad rap. Do they really get tangled in your hair, suck people's blood, change into vampires? Come find out! (Reservations begin October 8.)

### 26 Discovery Table Mammals

Saturday 10 a.m. - 2:00 p.m.  
(All Ages) You might not be able to see them in the wild, but you can learn about them at our discovery table. See mounts, hides, skulls and tracks of Missouri's mammals. (No reservations necessary.)

### 30 Paws, Wings and Hooves

Wednesday 10 a.m. - 11 a.m.  
(Ages 7-9) From paws to hooves to wings, different animals have different ways of moving from place to place. Come learn how animals move. (Reservations begin October 16.)

## POWDER VALLEY

For reservations, call (314) 301 - 1500

### 5 Scout Discovery Table Conservation Careers & Area Information

Saturday 10 a.m. - 2 p.m.  
(All Ages) Check out the many opportunities in the field of conservation. While you're at it, pick up information on the conservation areas in your backyard. Designed for Junior Girl Scouts to accomplish Let's Get Outdoors: Your Outdoor Surroundings #7 and for Cub Scout Bears to accomplish Achievement #5c and d of Sharing Your World With Wildlife. All are welcome and encouraged. Check it out! (No reservations necessary.)

### 7 & 21 Traveling the Lewis & Clark Trail

Monday 10 a.m.-11:30 a.m.  
(All Ages) A volunteer naturalist was fortunate to follow the Lewis and Clark Trail with his wife. He will share his experiences during these programs. (Reservations begin on September 23 and October 7, respectively.)

### 11 Homeschool Programs

Friday 1:30 p.m.-2:30 p.m.  
**Fall Color Hikes:**  
(Ages 3-6) Join us as we check out the fall colors on Tanglevine Trail. We'll investigate the fall changes taking place. (Reservations begin September 27.)

(Ages 7-12) Learn about fall colors and how Mother Nature prepares for winter. (Reservations begin September 27.)

### 11 Lewis and Clark Campfire Part 2

Friday 7 p.m. - 9 p.m.  
(All Ages) We continue the adventure of the Corps of Discovery. Listen to new stories, sing new songs as you warm yourself around the campfire. In case of bad weather, we will be indoors. (Reservations begin September 27.)



### 19 & 26 Identification of Common Missouri Trees

Saturday 10 a.m.-11:30 a.m.  
(Adults) We'll walk a trail and identify our common trees. (Reservations begin October 4 and October 11, respectively.)

### 24 Rocking Chair Story Time

Thursday 10 a.m.-10:45 a.m. & 1 p.m.-1:45 p.m.  
(All Ages) Come enjoy a fun-packed time of stories, puppets and surprises galore! (No reservations necessary.)

## Resident Artisan

### 19 Weaving Baskets from Brown Paper Bags

Saturday 10 a.m.-11:30 a.m.  
(Ages 8 and up) Learn to make baskets from brown paper bags. Each person will take home a basket and more ideas for weaving. (Reservations begin October 4.)

### 20 Weaving Hallelujah Dolls

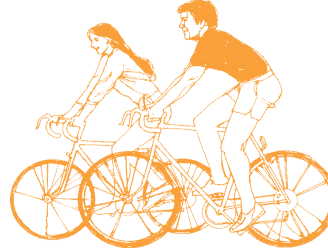
Sunday 10 a.m.-11:30 a.m.  
(Ages 8 and up) Weave a hallelujah doll pin on a drinking straw loom. Each person will take home a loom and hallelujah doll pin. (Reservations begin October 4.)

News from **August A. Busch** Memorial Conservation Area

## Hike It Or Bike It

By Shanna Raeker, Naturalist

Are you looking for a new spot to observe the beautiful fall colors? Well, I've got just the place for you. Located on the Busch Conservation Area, near Lake 33, the Busch Hiking and Biking Trail is a perfect place to take the family on a warm autumn day. The trail is approximately 3 miles in length, but if you don't want to take the entire trail, there is a shorter loop about 1 mile long. The flat terrain makes it an ideal trail for a leisurely afternoon of riding or walking.



The variety of shrubs and trees along the Hiking and Biking Trail provide a parade of fall colors to enjoy. Walnuts, mulberries, redbuds and oaks provide a muted background for the more colorful species, each appearing in its own time. Sumac leads off with its brilliant scarlet hue. Next, sassafras adds its oranges and reds. When the hickories turn, they spill golden yellow onto the landscape. Finally, the sugar maple splashes its brilliant yellows, oranges and reds, making it the star of the show. Even poison ivy makes a contribution with its reds and yellows.

Colorful trees are not the only sight to see. Lake 33, the Busch Area's largest lake, can be seen from an overlook along the short loop. The trail also passes Lake 19, offering the chance to see a variety of waterfowl. Turkey and deer have frequently been spotted along the trail as well.

If you're looking for something to do on a nice autumn day, consider the Busch Hiking and Biking Trail. Whether you pedal or hike, you'll enjoy the rainbow of fall colors.



## Collecting Seed From Missouri's Native Plants

By Lia Frey, Wildlife Biologist

Anyone who has browsed through a native seed catalog knows seed can be expensive. Collecting seed from existing native plant populations is an alternative to buying seed from a nursery. Seed collecting can be a fun and educational activity providing benefits beyond the "free" seed. No special equipment is required. Seeds can be collected in paper bags by hand or by using gardening scissors to snip the entire seed head. Gloves can be worn to keep hands from getting cuts and a marker used to label each bag with its contents.

Collecting seed requires you to become an observer of the natural world. Each species within a region produces ripe seed during a particular time of the year. Some plants have a long interval of time in which they release mature seed (weeks to months), while other plants may have a very short time frame (days to weeks) in which to collect seed. These times for seed collection may vary from year to year for the same plant depending on weather conditions.

Collecting the seed is only the first step. After the seed has been collected it must be dried, cleaned and stored until you are ready to plant. To ensure the continued growth of wild plant populations, you should never harvest more than 50% of the seed from a given plant population and you should never collect seed from federal or state endangered plant populations. As you can see, there is much to learn and prepare before you collect seed, but it can become a very rewarding hobby. An added benefit to using native plants is that they are better able to adapt to changing environmental conditions and more suited to specific wildlife needs. Missouri has a wide variety of more than 2,000 native plants, shrubs, vines and trees from which to choose. So get outside and explore the state's roadsides, forests, prairies and wetlands for your favorite native plant seed.



**2360 Highway D  
St. Charles, MO  
63304  
(636) 441 - 4554**

### LOCATION:

From Hwy 40, take 94 south to Hwy D; turn west on D for approx. 1 mile.

From I-70, take 94/First Capitol exit; turn south on Hwy 94 to Hwy D; turn west on D for approx. 1 mile. The area entrance is on the north side of Hwy D.

### HOURS:

Area is open from 6 a.m. until 10 p.m. See area regulations for special hunt hours. Fishing hours are from 6 a.m. until 9 p.m. Rental boats are available April 1 through September 30. The office is open Monday through Friday from 8 a.m. until 5 p.m. and Saturday and Sunday from 8 a.m. until 4 p.m. It is closed some state holidays.

### ABOUT THE AREA:

6,987 acres with 32 lakes and 40 ponds totaling 526 acres of water for fishing. There are six viewing blinds (two are wheelchair accessible), seven hiking trails totaling 5 miles, picnic area, staffed firearms range, and fishing jetties (some are wheelchair accessible). The area has interpretive programs, exhibits and demonstration sites and is used by bicyclists.





## The Educators' Niche

By Dennis E. Cooke, Outdoor Skills Education Specialist

# Aquatic Resource Education

## the Outdoor Teacher



### The Outdoor Teacher Education Resource Center

Hours:

Monday - Friday

8 a.m. - 5 p.m.

(closed 11 a.m. - Noon for lunch)

1926 S. 12th St.

St. Louis, MO 63104

(314) 231-3803

### Word of the Month: *Barbel*

A whisker-like sensory organ on the jaw of some fish, such as catfish, that helps them to smell and feel.

Many educators question why they should teach aquatic education. A statewide survey of Missouri sixth-grade students (sample size = 2,916) was conducted in 1989 to determine students' knowledge, attitudes and behaviors about the aquatic environment. Results from the study showed a need for more education on the topics of pollution, animal habitats, resource management and ecology in the aquatic environment.

The Missouri Department of Conservation's response to this study was the development of *Fishing for Answers*, an education guide for sixth-grade teachers. This guide covers many topics on aquatic resource education, including water use, the water cycle, water pollution, aquatic studies and fishing.

For many educators, the next question after deciding to use the guide is, where can I go for a fishing field trip? Many schools are lucky enough to have water resources on or near their school. Those who don't can take advantage of aquatic resource education program sites owned and coordinated by the MDC. If you want to learn more about using *Fishing for Answers*, contact Dennis E. Cooke, Outdoor Skills Education Specialist, at (314) 231-3803, [cooked@mdc.state.mo.us](mailto:cooked@mdc.state.mo.us).



### Conservation Curriculum:

*Fishing for Answers*, Teacher Edition  
& correlated Student Book  
(Aquatic Resource Education  
Program guide,  
grade 6 teachers)

*Missouri Fishes* poster

*Missouri Pond Life* poster

*Missouri Stream Life* poster

*Exploring Missouri Wetlands* poster

*River and Streams: Missouri Currents* poster

Information for this article was taken from the  
*Conservation Education Series*.



## BUSCH RANGE

Hours for October 2002:

10 a.m. - 4 p.m. Friday-Tuesday

Closed Wednesday & Thursday

For more information,

call (636) 441-4554 ext. 251

## HENGES RANGE

Hours for October 2002:

10 a.m. - 4 p.m. Wednesday-Sunday

Closed Monday & Tuesday,

Special Events & Holidays

For more information,

call (636) 938-9548





***Making Tracks***  
Missouri Department of Conservation  
2360 Hwy D  
St. Charles, MO 63304  
[www.conservation.state.mo.us](http://www.conservation.state.mo.us)

PRSRT STD.  
U. S. POSTAGE PAID  
MO DEPT OF CONSERVATION

## Powder Valley Gift Shop

Senior Citizens Special!  
Every Wednesday in October  
will be Senior Citizens' Day.  
All visitors over 55 will  
receive a 15 % discount.



## *Making Tracks*

### **Editor:**

Holly Berthold

*Metro Media Specialist*

### **Layout and Distribution:**

Sue Nickler

*Media Relations Assistant*

### **Feature Article:**

Daryl Damron

*Wildlife Damage Biologist*

### **Interpretive Programs Supervisor, Busch:**

Rhonda Anderson

### **Interpretive Programs Supervisor, Powder Valley:**

Janice Starke

### **Volunteer Coordinator, Powder Valley:**

Cindy Bruns

### **Interpretive Programs Supervisor, Rockwoods:**

Tom Meister

## Volunteer Milestones

### Busch Conservation Area

Ed Leutwiler.....200 hours  
Doug Robb.....800 hours  
Gladys Kullman..1500 hours

*Thanks for all your  
effort and help!*

### Powder Valley Nature Center

Tom Bayer.....600 hours  
John Hagar .....200 hours  
Pat Harris.....3300 hours  
Linda Hibbitts.....300 hours  
Christine Jeep.....100 hours  
Paula Lee.....800 hours  
Edward Liesenfeld..200 hours  
Dietrich Mueller...500 hours  
Joseph Schleeper..900 hours  
Ed Witte.....2100 hours

### Rockwoods Reservation

Jan Catanis.....650 hours  
Mary Demmitt.....750 hours  
Kate Edwards.....1750 hours  
LaVerne Koyn....1000 hours  
Meg Wilson.....550 hours